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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/602,649  | 06/25/2003  | Jesse J. Bahr        | 17312               | 1017             |
| 37414   | 7590        | 11/18/2004           | EXAMINER            |                  |
| CNH AMERICA LLC<br>INTELLECTUAL PROPERTY LAW DEPARTMENT<br>PO BOX 1895, MS 641<br>NEW HOLLAND, PA 17557 |             |                      | RESTIFO, JEFFREY J  |                  |
|   |             |                      | ART UNIT            | PAPER NUMBER     |
|   |             |                      | 3618                |                  |

DATE MAILED: 11/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                 |                   |
|------------------------------|-----------------|-------------------|
| <b>Office Action Summary</b> | Application No. | Applicant(s)      |
|                              | 10/602,649      | BAHR, JESSE ET AL |
| Examiner                     | Art Unit        |                   |
| Jeffrey J. Restifo           | 3618            |                   |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
 THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 25 June 2003.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-18 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 25 June 2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_.
- 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5, 7-11, and 13-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Martenas et al. (US 5,199,522 A) and in further view of Adamson et al. (US 4,341,277 A).

With respect to claims 1, 7, and 11, Martenas et al. discloses an engine hood 3 for a tractor work vehicle 1 with a radiator 11 and engine 13, said hood comprising an outer shell including a top panel 21, with an inner engine facing surface, a vertical front panel (not numbered), vertical left and right side panels 22 with combustion (or cooling) air apertures 29 behind said radiator, and an inner panel 23, as shown in figures 1-4. Martenas et al. does not explicitly disclose additional combustion (or cooling) apertures in the front and/or top panels. Adamson et al. does disclose a tractor hood assembly comprising a top panel 13 with an air combustion aperture 16,17,18, as shown in figures 1-5. It would have been obvious to one having ordinary skill in the art at the time of the invention to have provided the top and/or front panels of Martenas et al. with the additional air combustion apertures of Adamson et al. in order to increase the amount of drawn in air for combustion and cooling, as is conventional in the art.

With respect to claims 2, 8, and 14, Martenas et al. discloses the inner panel and top panel together define a cooling air conduit (or plenum) 19, as shown in figure 4.

With respect to claims 3-5, 9-11, and 15-17, Martenas et al. discloses the inner panel as having side and rear edges 24,26 as abutting the outer shell and having a forward edge as abutting and forming a seal with the radiator for directing air toward the front of the radiator and prevent radiator exhaust from passing to the rear of the radiator, as shown in figures 2 and 3 and recited in column 3, line 68-column 4, line 3.

With respect to claims 6, 12, and 18, the front portion of the inner panel 27 of Martenas et al. has an integral combustion air intake tube that extends over the top of and to the front of the radiator, as shown in figure 2.

3. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

### ***Conclusion***

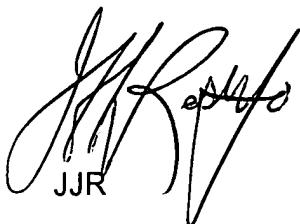
4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ternes, Bury, Akins, Gest, Racchi, Dewey, Hoffman et al., Kiser

et al., Wible et al., Shearn et al., Anzalone et al., Kargilis, Krapfl et al., Matsuura, and Oshikawa et al. all disclose engine air intake systems of interest.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey J. Restifo whose telephone number is (703) 305-0579. The examiner can normally be reached on M-F (10:00-6:00), alternate Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher P. Ellis can be reached on (703) 305-0168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



JJR

Jeffrey J. Restifo  
Examiner  
Art Unit 3618